

Substitute Form PTO-1449 (Modified) (37 CFR § 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08919-066001	Application No. 09/943,857
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		
	Applicant Jci-Fu Shaw et al.		Group Art Unit 1645
Filing Date August 31, 2001			

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	AJ							
	AK							
	AL							
	AM							
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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
ME	AO	Lilia Alberghina, et al. <i>Cloning, Sequencing, and Expression of Candida rugosa Lipases</i> . Methods in Enzymology 284:246-260, 1997. XP002067443.
ME	AP	Stefania Brocca, et al. <i>Design, Total Synthesis, and functional overexpression of the Candida rugosa lip1 gene coding for a major industrial lipase</i> . Protein Science 7(6):1415-1422, 1998. XP00929163.
ME	AQ	Yoshiyuki Kawaguchi, et al. <i>The codon CUG is read as serine in an asporogenic yeast Candida cylindracea</i> . 341(6238):164-166, September 1989. XP000084053.
ME	AR	Shye-Jye Tang, et al. <i>Recombinant Expression of the Candida rugosa lip4 Lipase in Escherichia coli</i> . Protein Expression and Purification 20:308-313, 2000. XP002204904.

Nature

Examiner Signature <i>N. Sheel</i>	Date Considered 10/16/01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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(37 CFR §1.98(b))

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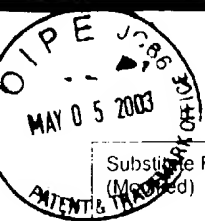
Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
ME	AA	WO 99/14338	25.03.99	WIPO	C12N	15/53		

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
ME	AB	Guan-Chiun Lee, Shye-Jye Tang, Kuang-Hui Sun, Jei-Fu Shaw. <i>Analysis of the Gene Family Encoding Lipases in Candida rugosa by Competitive Reverse Transcription-PCR</i> . Applied and Environmental Microbiology, Vol. 65, No. 9, Sept. 1999, pp. 3888-3895.
ME	AC	Shye-Jye Tang, Jei-Fu Shaw, Kuang-Hui Sun, Guang-Huan Sun, Terng-Yuan Chang, Ching-Kai Lin, Yuh-Chih Lo, and Guang-Chiun Lee. <i>Recombinant Expression and Characterization of the Candida rugosa lip4 Lipase in Pichia pastoris: Comparison of Glycosylation, Activity, and Stability</i> . Archives of Biochemistry and Biophysics, Vol. 387, No. 1, March 2001, pp. 93-98.
ME	AD	Rey-Chang Chang, Shu-Jen Chou, Jei-Fu Shaw. <i>Multiple forms and functions of Candida rugosa lipase</i> . Biotechnol. Appl. Biochem. Vol. 19, 1994, pp. 93-97.
ME	AE	Liming Ge and Peter Rudolph. <i>Simultaneous Introduction of Multiple Mutations Using Overlap Extension PCR</i> . Biotechniques, Vol. 22, No. 1, January 1997, pp. 28-30.
ME	AF	Miroslaw Cygler and Joseph D. Schrag. <i>Structure and conformational flexibility of Candida rugosa lipase</i> . Biochimica et Biophysica Acta, Vol. 1441, 1999, pp. 205-214.

Examiner Signature <i>N. Shue</i>	Date Considered 10/7/04
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Sheet 1 of 1

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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jei-Fu Shaw et al.	
		Filing Date August 31, 2001	Group Art Unit 1652

U.S. Patent Documents

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ve	AO	Lilia Alberghina et al. "Protein Engineering of a Fungal Lipase". Engineering with Lipases, Kluwer Academia Publishers, Netherlands, pp. 219-228. XP-002067509.
ve	AP	Marina Lotti et al. "Cloning and Analysis of <i>Candida cylindracea</i> lipase sequences". Gene 124(1):45-55, 1993. XP-001084201.
ve	AQ	Longhi et al. "Lipase I precursor (EC 3.1.1.3) (LIP1)". Database Accession No. P20261 - XP-002230351.
	AR	

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